**Gene in a Bottle Lab**

Biology

Mr. Wegimont

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Throughout this lab you will be recording an unidentified seed’s progress as it grows. You will first look at the seed and develop a hypothesis regarding what color you believe the plant will be once it has germinated. It is YOUR responsibility to take care of your plants during the allotted time in class, no outside class time will be provided. The purpose of this lab is to develop an understanding of terms regarding heredity and to be able to apply skills such as Punnett squares in real life scenarios.

What is your hypothesis regarding the growth and color of your plants?

How did you decide this? Using the Punnett square provided for you below, label and fill in the Punnet square according to your hypothesis. Write down the odds of each possible scenario using G as a green plant and g as an albino plant. Does this change your hypothesis at all? If so, rewrite it below.

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Odds:

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Results:

**Date/Day # Observations Reaction towards Hypothesis**